



Atty. Dkt. No. 081445-0328

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John E. Seem
Title: IMPROVED PATTERN
RECOGNITION ADAPTIVE
CONTROLLER
Appl. No.: 10/612,621
Filing Date: 07/02/2003
Examiner: Unknown
Art Unit: Unknown

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INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §§ 1.97-98 and in accordance with the duty of disclosure under 37 C.F.R. §1.56, Applicant submits herewith the references listed on the attached Form PTO-SB/08 to the Examiner such that they may be considered and made of record in the above-identified application. A copy of the required reference is enclosed.

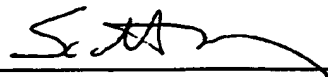
The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated,

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Respectfully submitted,

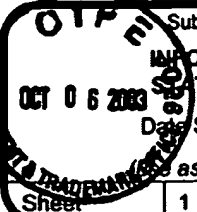
Date 10/2/03

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By 

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|  Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: October 1, 2003 (Use as many sheets as necessary) | | Complete if Known | |
| Application Number | | 10/612,621 | |
| Filing Date | | 07/02/2003 | |
| First Named Inventor | | John E. Seem | |
| Group Art Unit | | Unknown | |
| Examiner Name | | Unknown | |
| Attorney Docket Number | | 081445-0328 | |
| Sheet | 1 | of | 1 |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| | A1 | 6,540,148 | B1 | Salsbury et al. | 04/01/2003 | |
| | A2 | 5,506,768 | | Seem et al. | 04/09/1996 | |
| | A3 | 5,355,305 | | Seem et al. | 10/11/1994 | |
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FOREIGN PATENT DOCUMENTS

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|--------------------|-----------------------|-------------------------|---------------------|-----------------------------------|--|--|---|----------------|
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
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NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁶ |
|--------------------|-----------------------|--|----------------|
| | A4 | SALISBURY, TIMOTHY I., "A new pulse modulation adaptive controller (PMAC) applied to HVAC Systems," Control Engineering Practice 10 (2002), pp. 1357-1370, 2002 Elsevier Science Ltd., PII:S0967-0661 (02) 00099-0, 29 April 2002. | |
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| Examiner Signature | | Date Considered | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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